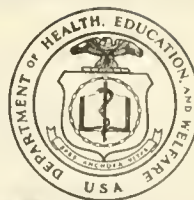


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## COMMUNICABLE DISEASE CENTER

# Morbidity and Mortality



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

## CURRENT TRENDS

## PARALYTIC POLIOMYELITIS - Texas

Through the week ending July 30, 1966, Texas has reported 33 cases of paralytic poliomyelitis to the CDC. Reports of 15 cases, several of which are delayed, have been received since July 2 (MMWR, Vol. 15, No. 26). The onset of illness occurred after May 1 in 28 of the 33 cases. Type 1 polio virus has been isolated from 10 of the patients.

The illness has occurred entirely in preschool children of Caucasian, Spanish-speaking families. Eight cases were in children between 6 and 12 months of age. Of the remaining cases, 21 occurred in children from one to 3 years of age and 4 in children from 4 to 5 years of age. Twenty of the patients were males and 13 were females.

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There were two fatalities, an 8-month-old male and a 3-year-old female.

The cases reported occurred in 14 different counties. Although most of the cases were reported from counties in the lower Rio Grande Valley, several have been reported from other counties in south and southwest Texas (Figure 1).

(Continued on page 254)

## CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	30th WEEK ENDED		MEDIAN 1961-1965	CUMULATIVE, FIRST 30 WEEKS		
	JULY 30, 1966	JULY 31, 1965		1966	1965	MEDIAN 1961-1965
Aseptic meningitis	87	61	60	1,007	904	888
Brucellosis	5	6	10	122	135	235
Diphtheria	8	1	5	98	88	159
Encephalitis, primary:						
Arthropod-borne & unspecified	35	46	---	788	911	---
Encephalitis, post-infectious	16	16	---	518	470	---
Hepatitis, serum	40			769		
Hepatitis, infectious	541	543	694	18,993	20,271	26,118
Measles (rubeola)	1,318	1,171	2,601	185,310	235,343	378,007
Poliomyelitis, Total (including unspecified)	3	1	12	44	29	137
Paralytic	3	1	10	40	25	113
Nonparalytic	---	---	---	---	4	---
Meningococcal infections, Total	34	46	41	2,487	2,127	1,585
Civilian	34	44	---	2,223	1,952	---
Military	---	2	---	264	175	---
Rubella (German measles)	239	---	---	40,035	---	---
Streptococcal sore throat & Scarlet fever	4,355	3,885	3,408	281,630	261,277	229,388
Tetanus	4	6	---	91	138	---
Tularemia	2	8	---	87	145	---
Typhoid fever	19	6	16	190	214	237
Typhus, tick-borne (Rky. Mt. Spotted fever)	16	20	---	132	153	---
Rabies in Animals	91	77	80	2,525	2,774	2,476

## NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax	4	Botulism	4
Leptospirosis	40	Trichinosis: Ohio-1	57
Malaria: Mich.-1, Kans.-1, Nev.-1, Calif.-3, Wash.-1	184	Rabies in Man	1
Psittacosis: Tenn.-1	25	Rubella, Congenital Syndrome	18
Typhus, murine	14	Plague: Ariz.-1*, N.Mex.-1	4

\*Delayed Report

**CURRENT TRENDS**  
**PARALYTIC POLIOMYELITIS - Texas**  
*(Continued from front page)*

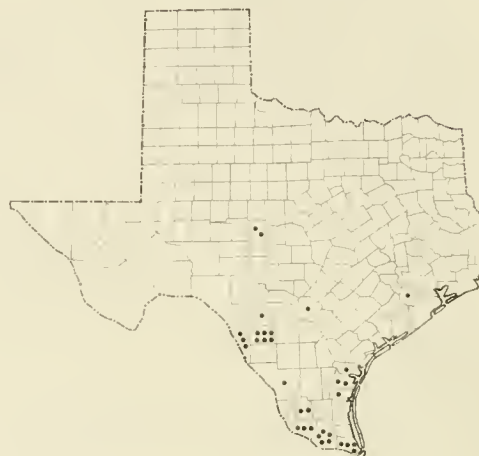
Seven of the 33 patients had received either inactivated or oral vaccine. A 10-month-old child had received 2 or 3 doses of inactivated vaccine and one 3-year-old child had received one dose of type 1 oral vaccine. The remaining 5 had received only one dose of inactivated vaccine or one dose of trivalent vaccine.

Information on travel and contact with travellers was available for 25 of the 33 ill persons. Among these 25, 16 denied any travel or contact with travellers. It is possible that the remaining 9 persons acquired their infection as a result of travel or contact with travellers outside of State of residence.

Plans are underway for intensification of vaccination in the affected areas.

*(Reported by Dr. Van C. Tipton, Director, Communicable Disease Division, Texas State Health Department, and a team from CDC.)*

**Figure 1**  
**CASES OF PARALYTIC POLIOMYELITIS BY COUNTY**  
**TEXAS - 1966**



**EPIDEMIOLOGIC NOTES AND REPORTS**  
**GASTROENTERITIS ASSOCIATED WITH**  
**RAW CLAMS - Connecticut**

Three outbreaks of gastroenteritis occurred in Connecticut among separate groups of persons attending picnic outings on June 12, 1966. Hard-shell clams, consumed raw, were incriminated epidemiologically as the cause of each outbreak.

At one picnic there were 31 known gastrointestinal illnesses among the 140 persons present. After an interval of 24 to 48 hours, the 31 persons developed diarrhea, anorexia and abdominal pain, frequently accompanied by nausea and vomiting. Fever was virtually absent. None reported mucus or blood in stools. Food histories obtained from 52 persons showed that 23 of 24 ill persons had eaten raw clams while only 3 of 28 persons remaining well had eaten raw clams.

On the same day, another group held an outing at a different site. After a similar incubation period, 67 of the 430 persons present developed an illness similar to that described above. Food histories from 104 persons showed that 54 of 67 ill persons had eaten raw clams. Among those 13 ill persons who did not eat raw clams, 5 ate some of these same cherrystone clams which had been either steamed or boiled for an uncertain length of time. Some of the remaining eight persons consumed clam broth from the steamed clams. Of the 37 persons interviewed who were not ill, only 4 gave a history of eating raw clams.

Also on the same day, a third group held a picnic for approximately 160 persons at another separate site.

Although less information is available about this outbreak, it is known that several identical illnesses occurred after a similar incubation period in persons known to have eaten raw clams. A number of persons known not to have eaten raw clams remained well.

Stool specimens were collected one week after the onset of illness from 8 persons attending the first picnic and 2 weeks after the onset of illness from 43 persons attending the second picnic. All of the specimens obtained have been negative for enteric pathogenic bacteria.

The clams consumed at all three outings were purchased from a single seafood market. At the first 2 picnics they were opened by 2 different employees of this market. At the third, however, the clams were opened by persons attending the picnic who reported discarding a large number because they were malodorous. The clams were supplied to the market by a single wholesaler in another state. Bacteriological studies undertaken on other clams from the same market, though not from the same shipment, and from the wet storage facility of the wholesaler, have been negative for salmonella. The area from which the suspected clams were harvested has not yet been identified.

*(Reported by Dr. James C. Hart, Director, Division of Preventable Diseases, and Dr. Barbara Christine, Chief, Epidemiology Section, Division of Preventable Diseases, Connecticut State Department of Health.)*

### CURRENT TRENDS SALMONELLOSIS - MAY 1966

During May 1966 there were 1,431 recoveries of salmonellae from human sources and 513 isolations from nonhuman sources; the comparable figures for April were 1,266 and 436 respectively. The cumulative number of isolations reported for the first 5 months of 1966 is 6,751, 6.3 percent less than the same period in 1965 when there were 7,206. As illustrated in Figure 2, the numbers generally correspond to the expected seasonal pattern.

Among the human salmonellae isolations there were 60 different serotypes, seven of which accounted for 66.1 percent of the 1,431 isolations reported (Table 1). The age-sex distribution of individuals reported as harboring salmonellae during May was compatible with past experience.

*Salmonella enteritidis*, which usually accounts for 5 percent of isolations from human sources, increased to 10 percent during May. Fifty-nine of the 142 isolations reported were from Georgia, and most of these were associated with a continuing outbreak in a chain of restaurants primarily in the Atlanta area. Although no vehicle of infection has been identified as yet, studies by the State Health Department staff are presently underway.

Fifty-seven serotypes were represented among the 513 isolations from nonhuman sources reported from 33 states during May; the seven most frequently reported serotypes accounted for 48.5 percent of the total (Table 2).

The most prominent nonhuman sources of salmonellae reported during May were chickens, 109 (20.7 percent); turkeys, 94 (17.9 percent); animal feed, 88 (16.7 percent); and dry milk, 40 (7.6 percent).

(Reported by the Salmonella Surveillance Unit, Epidemiology Branch, CDC.)

Table 1  
Seven Most Frequently Reported Serotypes from Human Sources - May 1966

Rank	Serotype	Number	Percent	Rank Last Month
1	<i>S. typhi-murium</i> and <i>S. typhi-murium</i> var. <i>copenhagen</i>	389	27.2	1
2	<i>S. enteritidis</i>	142	9.9	5
3	<i>S. heidelberg</i>	136	9.5	3
4	<i>S. infantis</i>	106	7.4	2
5	<i>S. newport</i>	78	5.5	4
6	<i>S. saint-paul</i>	51	3.6	6
7	<i>S. blockley</i>	43	3.0	7
	Total	945	66.1	
	Total (all serotypes)	1,431		

(Table 2 on page 260)

Figure 2  
REPORTED HUMAN ISOLATIONS OF SALMONELLA IN THE UNITED STATES



## Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JULY 30, 1966 AND JULY 31, 1965 (30th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	ENCEPHALITIS			DIPHTHERIA		HEPATITIS		
				Primary including unsp. cases		Post- Infectious			Serum	Infectious	Both Types
	1966	1965		1966	1965	1966	1965	1966			
UNITED STATES...	87	61	5	35	46	16	8	1	40	541	543
NEW ENGLAND.....	21	2	-	1	1	-	-	-	-	19	17
Maine.....	1	-	-	-	-	-	-	-	-	2	2
New Hampshire.....	3	-	-	-	-	-	-	-	-	4	1
Vermont.....	-	-	-	-	-	-	-	-	-	1	2
Massachusetts.....	16	-	-	-	1	-	-	-	-	5	7
Rhode Island.....	1	2	-	1	-	-	-	-	-	1	1
Connecticut.....	-	-	-	-	-	-	-	-	-	6	4
MIDDLE ATLANTIC.....	4	5	-	10	8	3	-	-	21	86	96
New York City.....	-	3	-	5	4	-	-	-	16	29	21
New York, Up-State.....	-	1	-	-	-	1	-	-	-	21	23
New Jersey.....	2	-	-	5	3	-	-	-	5	8	26
Pennsylvania.....	2	1	-	-	1	2	-	-	-	28	26
EAST NORTH CENTRAL...	6	7	1	4	7	3	-	-	1	79	92
Ohio.....	2	-	-	3	5	-	-	-	1	16	23
Indiana.....	-	-	-	-	1	-	-	-	-	2	9
Illinois.....	-	4	-	1	-	-	-	-	-	6	30
Michigan.....	4	2	-	-	-	3	-	-	-	45	28
Wisconsin.....	-	1	1	-	1	-	-	-	-	10	2
WEST NORTH CENTRAL...	2	3	2	3	1	4	-	-	1	30	29
Minnesota.....	2	3	-	1	-	3	-	-	1	9	5
Iowa.....	-	-	1	-	1	1	-	-	-	6	4
Missouri.....	-	-	-	1	-	-	-	-	-	10	10
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	1	1
Nebraska.....	-	-	1	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	1	-	-	-	-	-	4	9
SOUTH ATLANTIC.....	23	5	-	1	14	5	5	-	6	35	49
Delaware.....	2	1	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	7	8
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	1
Virginia.....	-	-	-	1	1	1	-	-	1	6	5
West Virginia.....	6	-	-	-	-	-	-	-	-	2	8
North Carolina.....	2	1	-	-	3	-	1	-	3	8	15
South Carolina.....	-	-	-	-	-	-	4	-	-	2	-
Georgia.....	-	-	-	-	-	-	-	-	-	5	2
Florida.....	13	3	-	-	10	4	-	-	2	5	10
EAST SOUTH CENTRAL...	7	-	-	3	2	-	1	1	-	34	34
Kentucky.....	-	-	-	-	-	-	-	-	-	8	16
Tennessee.....	1	-	-	3	1	-	-	-	-	15	10
Alabama.....	6	-	-	-	-	-	1	1	-	2	7
Mississippi.....	-	-	-	-	1	-	-	-	-	9	1
WEST SOUTH CENTRAL...	8	9	1	4	4	-	-	-	-	43	63
Arkansas.....	-	-	-	-	-	-	-	-	-	4	4
Louisiana.....	1	2	1	2	-	-	-	-	-	6	9
Oklahoma.....	-	-	-	-	-	-	-	-	-	2	2
Texas.....	7	7	-	2	4	-	-	-	-	31	48
MOUNTAIN.....	-	3	-	2	4	-	2	-	1	42	41
Montana.....	-	-	-	-	-	-	2	-	-	2	1
Idaho.....	-	-	-	-	-	-	-	-	-	6	2
Wyoming.....	-	-	-	1	-	-	-	-	-	-	1
Colorado.....	-	-	-	1	2	-	-	-	-	22	14
New Mexico.....	-	-	-	-	-	-	-	-	-	3	11
Arizona.....	-	2	-	-	1	-	-	-	1	9	11
Utah.....	-	1	-	-	1	-	-	-	-	-	1
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	16	27	1	7	5	1	-	-	10	173	122
Washington.....	1	-	-	-	-	-	-	-	-	15	8
Oregon.....	-	-	-	-	1	-	-	-	1	31	16
California.....	15	24	1	7	4	1	-	-	9	126	97
Alaska.....	-	-	-	-	-	-	-	-	-	1	1
Hawaii.....	-	3	-	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	-	-	-	-	-	1	-	16	16



CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
JULY 30, 1966 AND JULY 31, 1965 (30th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS				RUBELLA
	1966	Cumulative		1966	Cumulative		Total		Paralytic		
		1966	1965		1966	1965	1966	1965	1966	Cumulative 1966	
UNITED STATES...	1,318	185,310	235,343	34	2,487	2,127	3	1	3	40	239
NEW ENGLAND.....	13	2,184	36,586	2	112	109	-	-	-	-	27
Maine.....	-	192	2,764	-	9	16	-	-	-	-	5
New Hampshire.....	-	67	381	-	9	5	-	-	-	-	-
Vermont.....	-	221	1,245	-	4	6	-	-	-	-	1
Massachusetts.....	4	753	19,184	-	43	35	-	-	-	-	8
Rhode Island.....	-	72	3,888	-	12	14	-	-	-	-	-
Connecticut.....	9	879	9,124	2	35	33	-	-	-	-	13
MIDDLE ATLANTIC.....	58	17,782	14,203	3	286	280	-	-	-	-	19
New York City.....	17	8,210	2,156	-	39	49	-	-	-	-	7
New York, Up-State.....	36	2,413	3,990	-	81	76	-	-	-	-	12
New Jersey.....	2	1,842	2,437	1	82	75	-	-	-	-	-
Pennsylvania.....	3	5,317	5,620	2	84	80	-	-	-	-	-
EAST NORTH CENTRAL...	522	67,512	54,025	2	382	287	-	-	-	-	103
Ohio.....	72	6,309	8,770	1	102	75	-	-	-	-	8
Indiana.....	13	5,598	1,734	1	65	39	-	-	-	-	9
Illinois.....	18	11,230	2,500	-	74	76	-	-	-	-	15
Michigan.....	268	13,867	25,928	-	102	62	-	-	-	-	25
Wisconsin.....	151	30,508	15,093	-	39	35	-	-	-	-	46
WEST NORTH CENTRAL...	42	8,603	16,278	4	138	109	-	1	-	1	3
Minnesota.....	6	1,637	619	2	33	22	-	-	-	1	1
Iowa.....	22	5,272	8,940	-	21	7	-	1	-	-	-
Missouri.....	5	528	2,555	-	54	50	-	-	-	-	-
North Dakota.....	9	1,051	3,604	2	9	7	-	-	-	-	2
South Dakota.....	-	40	111	-	4	2	-	-	-	-	-
Nebraska.....	-	75	449	-	8	10	-	-	-	-	-
Kansas.....	NN	NN	NN	-	9	11	-	-	-	-	-
SOUTH ATLANTIC.....	186	14,706	24,353	6	418	417	-	-	-	1	13
Delaware.....	1	251	499	-	4	6	-	-	-	-	-
Maryland.....	4	2,083	1,107	-	41	39	-	-	-	-	2
Dist. of Columbia..	1	380	72	1	11	8	-	-	-	-	-
Virginia.....	68	2,069	3,993	-	49	48	-	-	-	-	5
West Virginia.....	38	5,069	13,365	2	23	24	-	-	-	-	-
North Carolina.....	14	410	375	-	102	82	-	-	-	-	-
South Carolina.....	1	642	1,005	-	46	56	-	-	-	-	2
Georgia.....	2	233	612	-	57	53	-	-	-	1	-
Florida.....	57	3,569	3,325	3	85	101	-	-	-	-	4
EAST SOUTH CENTRAL...	75	19,370	13,487	3	215	167	-	-	-	3	23
Kentucky.....	2	4,661	2,401	-	80	68	-	-	-	-	11
Tennessee.....	58	12,066	7,711	1	70	49	-	-	-	-	12
Alabama.....	11	1,660	2,281	2	46	30	-	-	-	1	-
Mississippi.....	4	983	1,094	-	19	20	-	-	-	2	-
WEST SOUTH CENTRAL...	178	23,668	30,252	4	358	296	3	-	3	34	3
Arkansas.....	-	966	1,081	1	33	14	-	-	-	-	-
Louisiana.....	-	93	99	1	136	165	-	-	-	-	-
Oklahoma.....	-	470	201	-	18	18	-	-	-	1	-
Texas.....	178	22,139	28,871	2	171	99	3	-	3	33	3
MOUNTAIN.....	90	11,624	19,316	-	78	65	-	-	-	-	21
Montana.....	1	1,800	3,651	-	4	2	-	-	-	-	2
Idaho.....	18	1,514	2,722	-	5	8	-	-	-	-	-
Wyoming.....	-	144	840	-	6	4	-	-	-	-	-
Colorado.....	25	1,218	5,562	-	41	13	-	-	-	-	4
New Mexico.....	5	1,101	670	-	10	10	-	-	-	-	-
Arizona.....	16	5,218	1,216	-	8	16	-	-	-	-	15
Utah.....	25	586	4,453	-	-	10	-	-	-	-	-
Nevada.....	-	43	202	-	4	2	-	-	-	-	-
PACIFIC.....	154	19,861	26,843	10	500	397	-	-	-	1	27
Washington.....	36	3,453	7,205	-	37	32	-	-	-	1	11
Oregon.....	23	1,624	3,146	-	32	28	-	-	-	-	10
California.....	79	14,329	12,667	10	412	315	-	-	-	-	3
Alaska.....	14	332	149	-	15	15	-	-	-	-	-
Hawaii.....	2	123	3,676	-	4	7	-	-	-	-	3
Puerto Rico.....	39	2,452	2,213	1	10	5	1	-	1	1	1

## Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
JULY 30, 1966 AND JULY 31, 1965 (30th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966
UNITED STATES...	4,355	4	91	2	87	19	190	16	132	91	2,525
NEW ENGLAND.....	631	-	2	-	1	-	4	-	1	8	58
Maine.....	64	-	-	-	-	-	-	-	-	2	21
New Hampshire.....	-	-	-	-	-	-	-	-	-	5	19
Vermont.....	30	-	-	-	-	-	-	-	-	1	16
Massachusetts.....	97	-	2	-	1	-	1	-	1	-	2
Rhode Island.....	51	-	-	-	-	-	-	-	-	-	-
Connecticut.....	389	-	-	-	-	-	3	-	-	-	-
MIDDLE ATLANTIC.....	150	-	11	-	-	1	35	2	28	7	173
New York City.....	5	-	4	-	-	-	15	-	-	-	-
New York, Up-State.....	143	-	2	-	-	-	7	1	11	7	162
New Jersey.....	NN	-	1	-	-	1	7	1	9	-	-
Pennsylvania.....	2	-	4	-	-	-	6	-	8	-	11
EAST NORTH CENTRAL...	307	-	7	-	12	-	26	-	10	11	351
Ohio.....	27	-	3	-	3	-	12	-	6	4	174
Indiana.....	58	-	1	-	3	-	1	-	-	4	79
Illinois.....	52	-	1	-	5	-	3	-	4	-	36
Michigan.....	113	-	2	-	-	-	4	-	-	1	29
Wisconsin.....	57	-	-	-	1	-	6	-	-	2	33
WEST NORTH CENTRAL...	148	-	6	1	8	2	16	-	2	19	570
Minnesota.....	5	-	1	-	-	-	-	-	-	4	131
Iowa.....	39	-	1	-	-	-	4	-	-	6	120
Missouri.....	3	-	4	-	3	2	8	-	1	3	178
North Dakota.....	73	-	-	-	-	-	1	-	-	2	19
South Dakota.....	8	-	-	1	2	-	-	-	-	3	56
Nebraska.....	-	-	-	-	1	-	1	-	-	1	17
Kansas.....	20	-	-	-	2	-	2	-	1	-	49
SOUTH ATLANTIC.....	453	1	23	1	9	2	33	7	61	10	321
Delaware.....	26	-	-	-	-	-	-	1	1	-	-
Maryland.....	7	-	1	-	1	-	7	1	16	1	1
Dist. of Columbia..	1	-	-	-	-	1	2	-	-	-	-
Virginia.....	135	-	4	-	2	-	8	2	17	2	187
West Virginia.....	102	-	-	-	1	-	1	-	-	-	39
North Carolina.....	13	1	2	-	2	-	3	1	15	1	3
South Carolina.....	18	-	1	-	1	1	6	1	5	-	-
Georgia.....	5	-	6	1	2	-	1	1	7	6	56
Florida.....	146	-	9	-	-	-	5	-	-	-	35
EAST SOUTH CENTRAL...	745	3	11	-	17	1	21	6	20	8	314
Kentucky.....	29	-	1	-	2	-	3	-	2	5	58
Tennessee.....	691	-	1	-	9	-	8	3	14	3	241
Alabama.....	-	3	6	-	4	1	6	3	4	-	12
Mississippi.....	25	-	3	-	2	-	4	-	-	-	3
WEST SOUTH CENTRAL...	629	-	18	-	32	4	21	-	6	20	520
Arkansas.....	3	-	2	-	24	-	1	-	2	3	56
Louisiana.....	1	-	4	-	3	-	5	-	-	1	24
Oklahoma.....	21	-	1	-	4	4	8	-	4	4	137
Texas.....	604	-	11	-	1	-	7	-	-	12	303
MOUNTAIN.....	781	-	1	-	5	-	8	-	3	5	50
Montana.....	12	-	-	-	2	-	-	-	-	-	7
Idaho.....	94	-	-	-	-	-	-	-	-	-	-
Wyoming.....	15	-	-	-	-	-	-	-	-	-	-
Colorado.....	431	-	1	-	-	-	3	-	2	1	8
New Mexico.....	73	-	-	-	1	-	-	-	1	2	8
Arizona.....	51	-	-	-	1	-	1	-	-	2	25
Utah.....	104	-	-	-	1	-	3	-	-	-	-
Nevada.....	1	-	-	-	-	-	1	-	-	-	2
PACIFIC.....	511	-	12	-	3	9	26	1	1	3	168
Washington.....	38	-	-	-	-	8	10	-	-	-	5
Oregon.....	9	-	1	-	-	-	1	-	-	-	2
California.....	417	-	11	-	3	1	13	1	1	3	161
Alaska.....	33	-	-	-	-	-	-	-	-	-	-
Hawaii.....	14	-	-	-	-	-	2	-	-	-	-
Puerto Rico.....	10	-	31	-	-	-	6	-	-	-	8

Week No.

## DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JULY 30, 1966

30

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	667	409	21	35	SOUTH ATLANTIC:	1,155	591	55	71
Boston, Mass.-----	211	126	5	10	Atlanta, Ga.-----	115	51	5	7
Bridgeport, Conn.-----	45	26	6	3	Baltimore, Md.-----	281	135	9	21
Cambridge, Mass.-----	31	22	-	1	Charlotte, N. C.-----	41	16	2	2
Fall River, Mass.-----	23	18	-	1	Jacksonville, Fla.-----	81	44	2	5
Hartford, Conn.-----	46	20	1	4	Miami, Fla.-----	92	51	-	4
Lowell, Mass.-----	26	17	-	2	Norfolk, Va.-----	52	23	4	-
Lynn, Mass.-----	11	7	1	-	Richmond, Va.-----	92	40	2	12
New Bedford, Mass.-----	28	17	-	1	Savannah, Ga.-----	25	12	2	2
New Haven, Conn.-----	37	22	-	3	St. Petersburg, Fla.-----	79	62	6	2
Providence, R. I.-----	70	35	-	7	Tampa, Fla.-----	59	39	12	2
Somerville, Mass.-----	15	11	1	-	Washington, D. C.-----	192	91	7	12
Springfield, Mass.-----	50	31	3	-	Wilmington, Del.-----	46	27	4	2
Waterbury, Conn.-----	28	21	1	3					
Worcester, Mass.-----	46	36	3	-	EAST SOUTH CENTRAL:	637	307	26	57
MIDDLE ATLANTIC:	3,009	1,753	141	134	Birmingham, Ala.-----	96	53	2	8
Albany, N. Y.-----	52	30	1	2	Chattanooga, Tenn.-----	50	23	3	3
Allentown, Pa.-----	46	32	2	-	Knoxville, Tenn.-----	32	11	1	4
Buffalo, N. Y.-----	145	85	7	5	Louisville, Ky.-----	143	67	10	19
Camden, N. J.-----	33	20	1	2	Memphis, Tenn.-----	129	66	6	8
Elizabeth, N. J.-----	26	14	-	1	Mobile, Ala.-----	43	18	-	5
Erie, Pa.-----	37	20	3	2	Montgomery, Ala.-----	47	20	2	3
Jersey City, N. J.-----	53	30	3	1	Nashville, Tenn.-----	97	49	2	7
Newark, N. J.-----	87	48	10	3	WEST SOUTH CENTRAL:	1,054	562	41	81
New York City, N. Y.-----	1,428	821	57	67	Austin, Tex.-----	41	27	3	-
Paterson, N. J.-----	28	20	-	2	Baton Rouge, La.-----	29	13	1	5
Philadelphia, Pa.-----	514	294	21	17	Corpus Christi, Tex.-----	31	21	1	-
Pittsburgh, Pa.-----	188	105	7	15	Dallas, Tex.-----	142	77	5	4
Reading, Pa.-----	49	28	3	-	El Paso, Tex.-----	52	24	2	4
Rochester, N. Y.-----	85	53	9	7	Fort Worth, Tex.-----	66	40	-	4
Schenectady, N. Y.-----	33	26	-	-	Houston, Tex.-----	176	82	9	25
Scranton, Pa.-----	37	23	2	1	Little Rock, Ark.-----	48	32	2	1
Syracuse, N. Y.-----	56	34	2	6	New Orleans, La.-----	171	90	4	16
Trenton, N. J.-----	54	30	7	2	Oklahoma City, Okla.-----	68	33	2	4
Utica, N. Y.-----	24	17	3	1	San Antonio, Tex.-----	107	58	6	10
Yonkers, N. Y.-----	34	23	3	-	Shreveport, La.-----	54	27	3	4
					Tulsa, Okla.-----	69	38	3	4
EAST NORTH CENTRAL:	2,501	1,376	90	130	MOUNTAIN:	417	240	13	29
Akron, Ohio-----	62	38	-	1	Albuquerque, N. Mex.-----	48	27	4	7
Canton, Ohio-----	26	15	1	2	Colorado Springs, Colo.-----	24	17	1	-
Chicago, Ill.-----	732	363	30	46	Denver, Colo.-----	105	57	3	8
Cincinnati, Ohio-----	165	103	6	11	Ogden, Utah-----	16	13	1	2
Cleveland, Ohio-----	187	109	1	3	Phoenix, Ariz.-----	87	49	3	3
Columbus, Ohio-----	110	63	7	2	Pueblo, Colo.-----	21	13	-	1
Dayton, Ohio-----	72	43	-	5	Salt Lake City, Utah-----	67	40	-	7
Detroit, Mich.-----	369	186	11	17	Tucson, Ariz.-----	49	24	1	1
Evansville, Ind.-----	48	36	3	1	PACIFIC:	1,527	909	32	63
Flint, Mich.-----	47	22	-	4	Berkeley, Calif.-----	14	9	-	1
Fort Wayne, Ind.-----	51	31	-	2	Fresno, Calif.-----	64	34	1	6
Gary, Ind.-----	40	21	1	4	Glendale, Calif.-----	26	17	1	-
Grand Rapids, Mich.-----	44	33	6	2	Honolulu, Hawaii*-----	44	20	1	3
Indianapolis, Ind.-----	161	86	9	7	Long Beach, Calif.-----	67	41	2	4
Madison, Wis.-----	22	11	-	1	Los Angeles, Calif.-----	529	331	4	18
Milwaukee, Wis.-----	128	72	3	9	Oakland, Calif.-----	85	43	4	4
Peoria, Ill.-----	35	18	3	3	Pasadena, Calif.-----	35	27	1	-
Rockford, Ill.-----	23	15	3	3	Portland, Oreg.-----	108	60	1	2
South Bend, Ind.-----	28	15	2	-	Sacramento, Calif.-----	62	35	1	1
Toledo, Ohio-----	98	65	3	3	San Diego, Calif.-----	106	54	4	10
Youngstown, Ohio-----	53	31	1	4	San Francisco, Calif.-----	140	89	5	4
WEST NORTH CENTRAL:	920	553	40	58	San Jose, Calif.-----	44	24	2	2
Des Moines, Iowa-----	69	47	5	6	Seattle, Wash.-----	124	74	3	6
Duluth, Minn.-----	28	15	1	1	Spokane, Wash.-----	40	23	1	1
Kansas City, Kans.-----	30	13	3	5	Tacoma, Wash.-----	39	28	1	1
Kansas City, Mo.-----	143	87	1	8					
Lincoln, Nebr.-----	23	16	2	-	Total	11,887	6,700	459	658
Minneapolis, Minn.-----	130	86	3	6	Cumulative Totals				
Omaha, Nebr.-----	80	46	1	7	including reported corrections for previous weeks				
St. Louis, Mo.-----	266	157	17	9	All Causes, All Ages -----			387,304	
St. Paul, Minn.-----	71	41	1	7	All Causes, Age 65 and over-----			223,820	
Wichita, Kans.-----	80	45	6	9	Pneumonia and Influenza, All Ages-----			17,279	
					All Causes, Under 1 Year of Age-----			20,094	

\*Estimate - based on average percent of divisional total.

CURRENT TRENDS  
SALMONELLOSIS - MAY 1966  
(Continued from page 255)

Table 2  
Seven Most Frequently Reported Serotypes  
from Nonhuman Sources - May 1966

Rank	Serotype	Number	Percent	Rank Last Month
1	<i>S. typhi-murium</i> and <i>S. typhi-murium</i> var. <i>copenhagen</i>	57	11.1	1
2	<i>S. heidelberg</i>	44	8.6	2
3	<i>S. oranienburg</i>	43	8.4	Not Listed
4	<i>S. onatum</i>	33	6.4	4
5	<i>S. montevideo</i>	27	5.3	3
6	<i>S. tennessee</i>	24	4.7	Not Listed
7	<i>S. senftenberg</i>	21	4.1	Not Listed
	Total	249	48.5	
	Total (all serotypes)	513		

INTERNATIONAL NOTES  
VARIOLA MINOR - United Kingdom

Subsequent to the outbreak in Staffordshire County, England, in which a total of 44 cases of variola minor were reported (MMWR, Vol. 15, No. 24), three new foci of infection were recognized in the United Kingdom during June and early July. Of 16 new cases diagnosed, 12 have been notified from the Pontypool Urban and Rural Districts in Monmouthshire, Wales, 3 from Solihul County Borough in Warwickshire and one from Salford County Borough in Lancashire.

The twelve cases in Wales all involved children under 10 years of age. The earliest diagnosed case was in an infant 4 months old who became ill on June 2 and was hospitalized on June 9. Five siblings diagnosed during the previous month as chickenpox were considered in retrospect to be cases of variola minor; two of these children were reported to have been successfully vaccinated in 1962. Six additional cases within a single family occurred in school contacts of the siblings of the initial case.

Three confirmed cases were reported on July 11 in Solihul County Borough near the city of Birmingham. The most recent case was notified on July 16 from Salford County Borough, which is near the city of Manchester and 73 miles northwest of Birmingham.

To date, no epidemiological link has been found between the prior outbreak in Staffordshire and the present cases.

Previously infected areas in Staffordshire County are now declared smallpox-free.

(Compiled from reports from the World Health Organization).

THE MORBIDITY AND MORTALITY WEEKLY REPORT WITH A CIRCULATION OF 15,600 IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA

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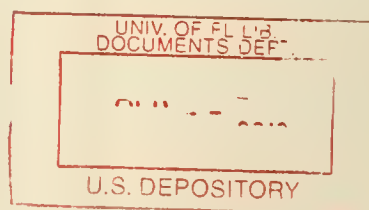
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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR  
MORBIDITY AND MORTALITY WEEKLY REPORT  
COMMUNICABLE DISEASE CENTER  
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY. COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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